

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 98 | ((("5768443") or ("4942539") or ("4984002") or ("5978521") or ("6137902") or ("4462046") or ("4555801") or ("4564295") or ("4566126") or ("4609939") or ("4781454") or ("4791482") or ("4792696") or ("4796997") or ("4853968") or ("4864395") or ("4922543") or ("4924507") or ("4933864") or ("4941182") or ("4945766") or ("4980971") or ("4998209") or ("5007096") or ("5193120") or ("5199084") or ("5222293") or ("5268734") or ("5280436") or ("5287183") or ("5317388") or ("5335110") or ("5343415") or ("5361308") or ("5374985") or ("5444799") or ("5465144") or ("5487116") or ("5500712") or ("5515130") or ("5533628") or ("5548418") or ("5548365") or ("5628036") or ("5642293") or ("5646733") or ("5706085") or ("5748992") or ("5751450") or ("5753903") or (").pn.")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/14 21:50 |
| L2 | 44 | inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 21:50 |
| L3 | 11 | L2 and (camera or cod or sensor or detector\$1) and (field adj view or FOV) and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 21:51 |
| L4 | 6 | L3 and (detect\$3 or determining) and physical adj property and support and distance and (camera or cod or sensor or detector\$1) and (field adj view or FOV) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 21:51 |
| L5 | 6 | L4 and reference adj (image\$1 or object) and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 21:54 |
| L6 | 0 | L5 and reference adj (image\$1 or object) and dimensional and second adj support | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 21:55 |
| L7 | 0 | L5 and reference adj (image\$1 or object) and dimension and second adj support | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:00 |
| L8 | 0 | L5 and (detect\$3 or determining) and optimum adj configurat\$3 and adjust\$3 and (camera or cod or sensor or detector\$1) and (field adj view or FOV) and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:01 |

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|-----|------|--|---|----|----|---------------------|
| L9 | 0 | L5 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:03 |
| L10 | 0 | L5 and(camera or cod or sensor or detector\$1) and(reference adj image\$1 or model\$1)and optimum adj configurat\$3 and digital adj camera and array adj pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:04 |
| L11 | 6 | L5 and(@ad<"20030320" or @riad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:06 |
| L12 | 3777 | 382/294,291,154,141,151,287,204.ccls. | USPAT | OR | ON | 2009/05/14 22:40 |
| L14 | 3 | L12 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | USPAT | OR | ON | 2009/05/14 22:41 |
| L15 | 0 | L14 and(detect\$3 or determining)and physical adj property and support and distance and (camera or cod or sensor or detector\$1)and(field adj view or FOV) | USPAT | OR | ON | 2009/05/14 22:42 |
| L16 | 0 | L14 and reference adj(image\$1 or object)and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 22:45 |
| L17 | 0 | L14 and reference adj(image\$1 or object)and dimension | USPAT | OR | ON | 2009/05/14 22:45 |
| L18 | 0 | L14 and reference adj(image\$1 or object)and dimension | USPAT | OR | ON | 2009/05/14 22:46 |
| L19 | 0 | L14 and(detect\$3 or determining)and optimum adj configurat\$3 and adjust\$3 and(camera or cod or sensor or detector\$1)and(field adj view or FOV)and controller and processor | USPAT | OR | ON | 2009/05/14 22:48 |
| L20 | 0 | L14 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | USPAT | OR | ON | 2009/05/14 22:48 |
| L21 | 0 | L14 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | USPAT | OR | ON | 2009/05/14 22:49 |
| L22 | 2229 | 356/139,06,604,512,614,237.1.ccls. | USPAT | OR | ON | 2009/05/14 23:13 |
| L23 | 2 | L22 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | USPAT | OR | ON | 2009/05/14 23:13 |
| L24 | 0 | L23 and(detect\$3 or determining)and physical adj property and support and distance and (camera or cod or sensor or detector\$1)and(field adj view or FOV) | USPAT | OR | ON | 2009/05/14 23:14 |
| L26 | 0 | L23 and reference adj(image\$1 or object)and dimension | USPAT | OR | ON | 2009/05/14 23:14 |

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|-----|------|--|---|----|----|---------------------|
| L27 | 2 | L23 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | USPAT | OR | ON | 2009/05/14 23:15 |
| L28 | 0 | L27 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | USPAT | OR | ON | 2009/05/14 23:19 |
| L29 | 1599 | 348/94,e5.037,86,e5.042,ocls. | USPAT | OR | ON | 2009/05/14 23:43 |
| L30 | 2 | L29 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | USPAT | OR | ON | 2009/05/14 23:43 |
| L31 | 0 | L30 and(detect\$3 or determining)and physical adj property and support and distance and (camera or cod or sensor or detector\$1)and(field adj view or FOV) | USPAT | OR | ON | 2009/05/14 23:44 |
| L32 | 0 | L30 and reference adj (image\$1 or object)and dimension | USPAT | OR | ON | 2009/05/14 23:45 |
| L33 | 0 | L30 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | USPAT | OR | ON | 2009/05/14 23:45 |
| L34 | 0 | L30 and reference adj (image\$1 or object)and dimension | USPAT | OR | ON | 2009/05/14 23:46 |
| L35 | 0 | L30 and(camera or cod or sensor or detector\$1) and(reference adj image\$1 or model\$1)and optimum adj configurat\$3 and digital adj camera and array adj pixel\$1 | USPAT | OR | ON | 2009/05/14 23:47 |
| L36 | 0 | (inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes)and camera and(detect\$3 or determining)and physical adj property and first adj support and distance and(camera or cod or sensor or detector\$1)and(field adj view or FOV)and reference adj object and optimum adj configurat\$3 and adjust\$3 and digital adj camera and array adj pixel\$1).clm. | US-PGPUB | OR | ON | 2009/05/15 00:04 |
| L37 | 0 | (inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes)and camera and(detect\$3 or determining)and physical adj property and first adj support and distance and(camera or cod or sensor or detector\$1)and(field adj view or FOV)and reference adj object and optimum adj configurat\$3).clm. | US-PGPUB | OR | ON | 2009/05/15 00:05 |
| S1 | 40 | inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:13 |
| S2 | 0 | S1 and(camera or cod or sensor or detector\$1) and (field adj view or FOV)and moving adj mechanism and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:16 |

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|-----|-----|---|---|----|----|---------------------|
| S3 | 10 | S1 and(camera or cod or sensor or detector\$1) and(field adj view or FOV)and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:16 |
| S4 | 9 | S3 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:18 |
| S5 | 207 | ((RONALD) near2 (WILSON)).INV. | US-PGPUB; USPAT | OR | ON | 2008/11/09 12:19 |
| S6 | 24 | ((GARY) near2 (PITT)).INV. | US-PGPUB; USPAT | OR | ON | 2008/11/09 12:19 |
| S7 | 1 | ((TIMOTHY) near2 (IRONS)).INV. | US-PGPUB; USPAT | OR | ON | 2008/11/09 12:20 |
| S8 | 14 | ((WILLIAM) near2 (EVERITT)).INV. | US-PGPUB; USPAT | OR | ON | 2008/11/09 12:21 |
| S9 | 1 | S5 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:21 |
| S10 | 1 | S9 and(camera or cod or sensor or detector\$1) and(field adj view or FOV)and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:21 |
| S11 | 0 | S10 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:21 |
| S12 | 0 | S6 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:24 |
| S13 | 0 | S6 and inspect\$3 and machine adj vision | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:25 |
| S14 | 1 | S6 and machine adj vision | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:25 |
| S15 | 0 | S7 and machine adj vision and inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:26 |
| S16 | 0 | S7 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:26 |

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| S17 | 1 | S8 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:28 |
| S18 | 0 | S17 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:28 |
| S19 | 0 | (inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes)and(camera or cod or sensor or detector\$1)and(field adj view or FOV) and controller and processor).CLM. | US-PGRUB | OR | ON | 2008/11/09 12:31 |
| S20 | 10 | S3 and machine adj vision | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:35 |
| S21 | 9 | S20 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:35 |
| S22 | 1 | S20 and @ad<"20030320" | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:35 |
| S23 | 31 | S1 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:36 |
| S24 | 22 | S23 and @ad<"20030320" | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:36 |
| S25 | 31 | S23 and inspect\$3 and machine adj vision and (smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:37 |
| S26 | 9 | S25 and(camera or cod or sensor or detector\$1) and(field adj view or FOV) and controller and processor | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/09 12:37 |
| S27 | 44 | inspect\$3 and machine adj vision and(smoking adj articles or filters adj rods or rolled adj smoking or cigarettes) | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:18 |
| S28 | 11 | S27 and(camera or cod or sensor or detector\$1) and(field adj view or FOV) and controller and processor | US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:19 |

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| S29 | 10 | S28 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:20 |
| S30 | 6 | S29 and(detect\$3 or determining)and physical adj property and support and distance and (camera or cod or sensor or detector\$1)and(field adj view or FOV) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:25 |
| S31 | 0 | S30 and reference adj(image\$1 or object) and dimensional and second adj support | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:27 |
| S32 | 6 | S30 and reference adj(image\$1 or object)and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:30 |
| S33 | 0 | S30 and reference adj(image\$1 or object) and dimension and second adj support | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:30 |
| S35 | 0 | S32 and(detect\$3 or determining)and optimum adj configurat\$3 and adjust\$3 and(camera or cod or sensor or detector\$1)and(field adj view or FOV)and controller and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:34 |
| S36 | 0 | S32 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and predetermined and distance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:39 |
| S37 | 0 | S32 and select\$3 adj moving and(camera or cod or sensor or detector\$1)and(plurality or plural\$1) adj support and(reference adj image\$1 or model \$1)and(field adj view or FOV)and distance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:39 |
| S39 | 0 | S32 and (camera or cod or sensor or detector\$1) and(reference adj image\$1 or model\$1)and optimum adj configurat\$3 and digital adj camera and array adj pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:42 |
| S40 | 6 | S32 and(@ad<"20030320" or @rlad<"20030320" or @prad<"20030320" or @ptad<"20030320") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:42 |
| S41 | 0 | S32 and @ad<"20030320" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/14 20:43 |

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